

D.JOHNSON  
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JDSW/leb  
1263.0899

PATENT APPLICATION

JCS11 U.S. PTO  
09/511447  
02/23/00  


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
DAVID ELWORTHY ) : Examiner: NYA  
Application No.: NYA ) : Group Art Unit: NYA  
Filed: Herewith ) :  
For: NATURAL LANGUAGE SEARCH )  
METHOD AND APPARATUS : February 22, 2000

The Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under  
37 C.F.R. § 1.56 and in accordance with the practice under  
37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is  
directed to the documents listed on the enclosed form PTO-  
1449. Copies of the listed documents are also enclosed.

It is respectfully requested that the above  
information be considered by the Examiner.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 758-2400 or by facsimile at (212) 758-2982. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicant

Registration No. 08291

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ATTY DOCKET NO.  
1263.0899

APPLICATION NO.

NYA

APPLICANT

DAVID ELWORTHY

FILING DATE

FILED HEREWITH

GROUP

NYA

P.T.O.  
U.S. PATENT AND TRADEMARK OFFICE  
102-23700  
JC511447  
06/09/02

## U.S. PATENT DOCUMENTS

| *EXAMINER |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-----------|--|-----------------|------|------|-------|----------|----------------------------|
|           |  |                 |      |      |       |          |                            |
|           |  |                 |      |      |       |          |                            |
|           |  |                 |      |      |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |  | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
|--|--|-----------------|----------|---------|-------|----------|---------------------------------|
|  |  | EP 0 737 928 A1 | 10/16/96 | EPO     |       |          |                                 |
|  |  | GB 2 269 923 B  | 2/23/94  | UK      |       |          |                                 |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | S. Flank, "A Layered Approach to NLP-Based Information Retrieval" (Proceedings of the 36 Annual Meeting of the Association of Computational Linguistics, Page 397-403, 1998)  |
|  | J. Fagan, "Experiments in Automatic Phrase Indexing for Document Retrieval : A Comparison of Syntactic and Non-Syntactic Methods" (PhD Thesis Cornell University, Technical Report TR 87-868; 1987).                  |
|  | C. Schwartz, "Automatic Syntactic Analysis of Free Text" (General American Society for Information Science, September 1990, pages 408 to 417)   |
|  | T. Järvinen and P. Tapanainen, "A Dependency Parser for English" (Technical Report No. TR-1, Department of General Linguistics, University of Helsinki, March 1997)   |
|  | P. Tapanainen and T. Järvinen, "A Non-Projective Dependency Parser" (Proceedings of the 5th Conference on Applied Natural Language Processing, Washington, DC, April 1997, Association for Computational Linguistics) |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet \_\_\_\_ of \_\_\_\_